



CITY COUNCIL

AGENDA REQUEST

AGENDA OF:	12-07-10	AGENDA REQUEST NO:	III-F
INITIATED BY:	ROSS WOODFIN <i>RW</i> SENIOR PROJECT MANAGER	RESPONSIBLE DEPARTMENT:	ENGINEERING
PRESENTED BY:	ROBERT VALENZUELA, P.E. <i>RV</i> ASSISTANT CITY ENGINEER	DEPARTMENT HEAD:	CHRISTOPHER STEUBING, P.E., CFM, CITY ENGINEER <i>CLS</i>
		ADDITIONAL DEPARTMENT HEAD (S):	SUELLLEN STAGGS, DIRECTOR OF UTILITIES <i>smg</i>
SUBJECT / PROCEEDING:	SUGAR CREEK WATER PLANT DISTRIBUTION MAIN UPGRADE - WA0504 AUTHORIZE CONSTRUCTION CONTRACT		
EXHIBITS:	BID TABULATION LOCATION MAP		
CLEARANCES		APPROVAL	
LEGAL:	N/A	ASST. CITY MANAGER:	KAREN DALY <i>kd</i>
PURCHASING:	TODD REED, PURCHASING MANAGER <i>TR</i>	ASST. CITY MANAGER:	N/A
BUDGET:	JENNIFER BROWN, <i>JB</i> BUDGET & RESEARCH DIRECTOR	CITY MANAGER:	ALLEN BOGARD <i>Allen Bogard</i>
BUDGET			
EXPENDITURE REQUIRED: \$		329,989	
CURRENT BUDGET: \$		550,450	
ADDITIONAL FUNDING: \$		N/A	
RECOMMENDED ACTION			
Authorize execution of a construction contract with Statewide Services Inc. for the Sugar Creek Water Plant Distribution Main Upgrade Project in an amount not to exceed \$329,989.			

EXECUTIVE SUMMARY

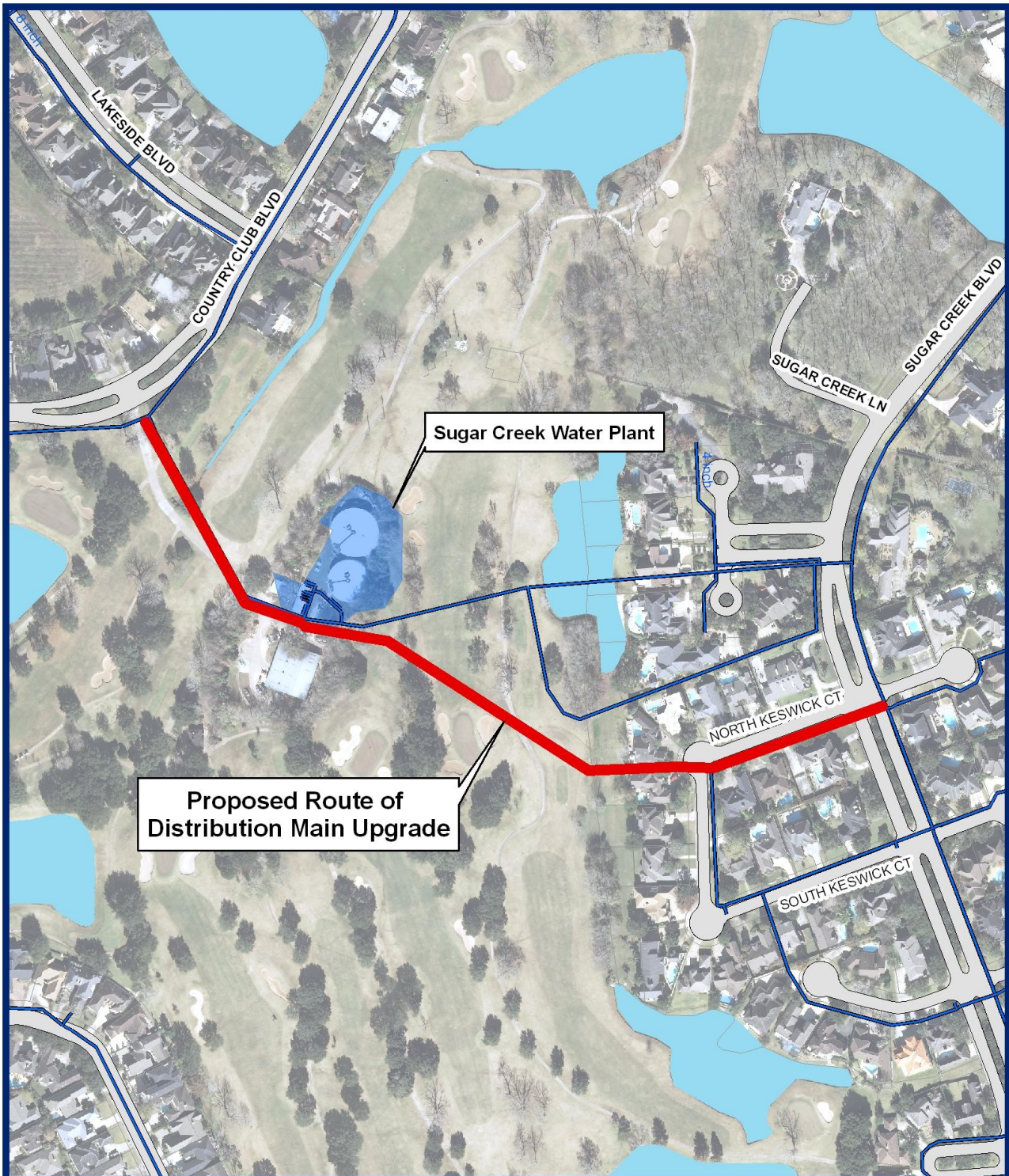
A Preliminary Engineering Report (PER) was performed by Huitt-Zollars for the Sugar Creek Water Plant. The PER was initiated to analyze the 12-inch discharge waterline from the water plant that was constructed in 1970 in order to meet the needs of the Sugar Creek Development. Since its construction, the water plant has undergone several upgrades, allowing it to serve as a regional plant. In order to take full advantage of the plant's expanded production and distribution pumping capacity, the discharge waterline needs to be upsized. Improvements to the plant will include upsizing approximately 2,000 linear feet of water line to a 16-inch waterline from the plant west to Country Club Boulevard and east to Sugar Creek Boulevard. The proposed distribution main upgrade will improve efficiency and overall system delivery hydraulics at the plant.

The project was advertised for bids on November 3, 2010 and November 10, 2010. Five bids were received on November 18, 2010 ranging from \$329,989.00 to \$462,512.65. The lowest responsible bidder was Statewide Services, Inc. for a total of \$329,989.00. The engineer's opinion of probable construction cost was \$400,000.00

Funding for this project is allocated in WA0504 Sugar Creek WP Distribution Main Upgrade with an available balance of \$550,450.00. A notice to proceed is expected to be issued in early January with a substantial completion date of March 2011. Statewide Services Inc. has one ongoing project of similar type and based on the reference inquiries of their favorable work history, the City staff are confident that they can fulfill the contract requirements. Revenue bonds to fund this project were sold in November 2009.

The Engineering and Utilities Departments recommend that the City Council authorize the execution of a construction contract with Statewide Services Inc. for the Sugar Creek Water Plant Distribution Main Upgrade Project in an amount not to exceed \$329,989.

EXHIBITS



CITY OF SUGAR LAND
CAPITAL IMPROVEMENT PROGRAM
Sugar Creek Water Plant Distribution Main Upgrade
CIP No. WA0504



HUITT-ZOLLARS

HUITT-ZOLLARS, INC. • 1500 South Dairy Ashford • Suite 200 • Houston, TX 77077-3858 • 281.496.0066 phone • 281.496.0220 fax • huitt-zollars.com

November 18, 2010

Mr. Ross Woodfin
Project Manager
City of Sugar Land
111 Gillingham Way
Sugar Land, Texas 77479

Reference: Sugar Creek 16-Inch Water Line Improvements, CIP No. WA0504
HZ 02.1201.01

Subject: Letter of Recommendation for Construction Contract Award

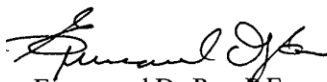
Dear Mr. Woodfin:

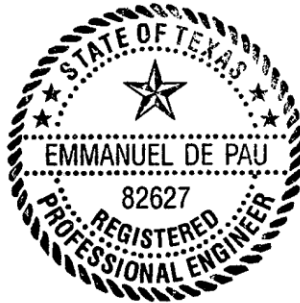
Huitt-Zollars, Inc. has reviewed the five (5) bids submitted on the referenced project. The low bidder is Statewide Services, Inc. with a bid amount of \$329,989.00. The low bid amount of \$329,989.00 compares favorably to our estimate.

Huitt-Zollars, Inc. has made inquiries on the references Statewide provided. They have one ongoing utility project in Sugar Land and have completed other utility projects of similar type. Based on those references, Statewide Service have completed the work in satisfactory manner and have demonstrated the capability to work on similar projects. Thus, it is our recommendation that the City of Sugar Land award the construction contract for the referenced project to Statewide Services, Inc. in the amount of \$329,989.00.

Should you have any questions, or require additional information please call or email (edepau@huitt-zollars.com).

Sincerely,
Huitt-Zollars, Inc.


Emmanuel De Pau, P.E.
Project Manager



cc: File

Enclosure

I:\02-1201-01 Sugar Creek Waterline\Bidding Phase\Letter COSL 20101118 - Recommendation of Award.doc

SUGAR CREEK 16-INCH WATER LINE (WA0504)

H2I Job No. 02.1201.01
BID DATE: November 18, 2010

			Statewide Services, Inc.			LGG Construction, Inc.			Windsor Contracting		
Item No.	Approx. Qty.	Meas. Unit	Item Description	Unit Cost	Item Total Amt. Bid	Unit Cost	Item Total Amt. Bid	Unit Cost	Item Total Amt. Bid	Unit Cost	Item Total Amt. Bid
1	1	LS	Site preparation.	\$ 12,000.00	\$ 12,000.00	\$ 10,500.00	\$ 10,500.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
2	1	LS	Installation and Maintenance of Traffic Control Devices	\$ 12,000.00	\$ 12,000.00	\$ 9,000.00	\$ 9,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
3	1,916	LF	16-Inch PVC (C905) Water Line, in Augered Hole	\$ 80.00	\$ 153,280.00	\$ 80.00	\$ 153,280.00	\$ 130.00	\$ 249,080.00	\$ 130.00	\$ 249,080.00
4	200	LF	16-Inch PVC (C905) in 24-Inch Steel Casing, in Tunnel Between Lot 20 and 21, including Steel Casing, Pipe Supports and End Caps	\$ 185.00	\$ 37,000.00	\$ 165.00	\$ 33,000.00	\$ 200.00	\$ 40,000.00	\$ 200.00	\$ 40,000.00
5	49	LF	6-Inch PVC (C900) Water Line, Open Cut	\$ 11.00	\$ 539.00	\$ 45.00	\$ 2,205.00	\$ 13.00	\$ 637.00	\$ 13.00	\$ 637.00
6	11	EA	16-inch Gate, Valve and Box	\$ 5,500.00	\$ 60,500.00	\$ 5,090.00	\$ 55,990.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00
7	1	EA	6-inch Gate, Valve and Box	\$ 950.00	\$ 950.00	\$ 1,069.00	\$ 1,069.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00
8	12	EA	12-inch Wet Connection	\$ 550.00	\$ 6,600.00	\$ 800.00	\$ 9,600.00	\$ 350.00	\$ 4,200.00	\$ 350.00	\$ 4,200.00
9	2	EA	6-inch Wet Connection	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
10	6	EA	1-inch Water Service Reconnection (Short Side)	\$ 450.00	\$ 2,700.00	\$ 285.00	\$ 1,710.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00
11	6	EA	1-inch Water Service reconnection (Long Side)	\$ 450.00	\$ 2,700.00	\$ 375.00	\$ 2,250.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00
12	2	EA	Fire Hydrant Assembly with 6" gate valve, box and 6" leads	\$ 3,500.00	\$ 7,000.00	\$ 4,500.00	\$ 9,000.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00
13	1	EA	Remove and Salvage Existing Fire Hydrant Assembly	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
14	6	EA	Cut, Plug, and Abandon existing 12-inch Water Line	\$ 550.00	\$ 3,300.00	\$ 800.00	\$ 4,800.00	\$ 200.00	\$ 1,200.00	\$ 200.00	\$ 1,200.00
15	2	EA	Cut, Plug, and Abandon existing 6-inch Water Line	\$ 550.00	\$ 1,100.00	\$ 800.00	\$ 1,600.00	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00
16	285	SY	Remove and Replace Reinforced Concrete Pavement (7-inch Thick) including Subgrade	\$ 50.00	\$ 14,250.00	\$ 55.00	\$ 15,675.00	\$ 55.00	\$ 15,675.00	\$ 55.00	\$ 15,675.00
17	85	LF	Remove and Replace 6-inch Concrete Curb	\$ 8.00	\$ 680.00	\$ 10.00	\$ 850.00	\$ 10.00	\$ 850.00	\$ 10.00	\$ 850.00
18	1,200	LF	Filler Fabric Fence	\$ 1.45	\$ 1,740.00	\$ 3.00	\$ 3,600.00	\$ 2.00	\$ 2,400.00	\$ 2.00	\$ 2,400.00
19	11	EA	Inlet Protection Barriers	\$ 35.00	\$ 385.00	\$ 25.00	\$ 275.00	\$ 50.00	\$ 550.00	\$ 50.00	\$ 550.00
20	1,985	LF	Trench Safety System for Trench Excavation	\$ 1.00	\$ 1,985.00	\$ 2.25	\$ 4,421.25	\$ 0.25	\$ 491.25	\$ 0.25	\$ 491.25
Extra Unit Items											
21	100	SY	Extra Solid Sod, per amount as authorized by Owner	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00
22	50	CY	Excavation Around Obstruction, per amount as authorized by Owner	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
23	50	CY	Extra Hand Excavation, per amount as authorized by Owner.	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
24	50	CY	Extra Machine Excavation, per amount as authorized by Owner.	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00
25	100	SY	Extra Reinforced Concrete Pavement (7-inch Thick)	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00
26	80	LF	Extra 6-inch Concrete Curb, per amount as authorized by Owner	\$ 10.00	\$ 800.00	\$ 10.00	\$ 800.00	\$ 10.00	\$ 800.00	\$ 10.00	\$ 800.00
27	1	ALLOW	Extra Ductile Iron Fittings, per amount as authorized by Owner	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
TOTAL				\$	\$ 329,989.00	\$	\$ 330,625.25	\$	\$ 386,683.25	\$	\$ 386,683.25

* Mathematical error corrected



Hult-Zollars, Inc. 11/18/2010

Bid Tabulation for
SUGAR CREEK 16-INCH WATER LINE (WA0504)
 HZI Job No. 02.1201.01
 BID DATE: November 18, 2010

DL Elliott Enterprises, Inc.				Reliance Construction Services			
Item No.	Approx. Qty.	Meas. Unit	Item Description	Unit Cost	Item Total Amt. Bid	Unit Cost	Item Total Amt. Bid
1	1	LS	Site preparation.	\$ 20,000.00	\$ 20,000.00	\$ 500.00	\$ 500.00
2	1	LS	Installation and Maintenance of Traffic Control Devices	\$ 2,500.00	\$ 2,500.00	\$ 200.00	\$ 200.00
3	1,916	LF	16-Inch PVC (C905) Water Line, in Augered Hole	\$ 90.00	\$ 172,440.00	\$ 148.00	\$ 283,568.00
4	200	LF	16-Inch PVC (C905) in 24-Inch Steel Casing, in Tunnel Between Lot 20 and 21, Including Steel Casing, Pipe Supports and End Caps	\$ 400.00	\$ 80,000.00	\$ 154.00	\$ 30,800.00
5	49	LF	6-Inch PVC (C900) Water Line, Open Cut	\$ 65.00	\$ 3,185.00	\$ 20.00	\$ 980.00
6	11	EA	16-Inch Gate, Valve and Box	\$ 5,800.00	\$ 63,800.00	\$ 7,000.00	\$ 77,000.00
7	1	EA	6-Inch Gate, Valve and Box	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00
8	12	EA	12-Inch Wet Connection	\$ 1,750.00	\$ 21,000.00	\$ 1,000.00	\$ 12,000.00
9	2	EA	6-Inch Wet Connection	\$ 1,000.00	\$ 2,000.00	\$ 900.00	\$ 1,800.00
10	6	EA	1-Inch Water Service Reconnection (Short Side)	\$ 525.00	\$ 3,150.00	\$ 200.00	\$ 1,200.00
11	6	EA	1-Inch Water Service reconnection (Long Side)	\$ 575.00	\$ 3,450.00	\$ 400.00	\$ 2,400.00
12	2	EA	Fire Hydrant Assembly with 6" gate valve, box and 6" leads	\$ 3,500.00	\$ 7,000.00	\$ 3,000.00	\$ 6,000.00
13	1	EA	Remove and Salvage Existing Fire Hydrant Assembly	\$ 100.00	\$ 100.00	\$ 2,000.00	\$ 2,000.00
14	6	EA	Cut, Plug, and Abandon existing 12-inch Water Line	\$ 850.00	\$ 5,100.00	\$ 1,000.00	\$ 6,000.00
15	2	EA	Cut, Plug, and Abandon existing 6-inch Water Line	\$ 650.00	\$ 1,300.00	\$ 900.00	\$ 1,800.00
16	285	SY	Remove and Replace Reinforced Concrete Pavement (7- inch Thick) Including Subgrade	\$ 55.00	\$ 15,675.00	\$ 85.00	\$ 24,225.00
17	85	LF	Remove and Replace 6-inch Concrete Curb	\$ 8.00	\$ 680.00	\$ 6.00	\$ 510.00
18	1,200	LF	Filter Fabric Fence	\$ 1.00	\$ 1,200.00	\$ 0.25	\$ 300.00
19	11	EA	Inlet Protection Barriers	\$ 25.00	\$ 275.00	\$ 10.00	\$ 110.00
20	1,965	LF	Trench Safety System for Trench Excavation	\$ 0.01	\$ 19.65	\$ 0.01	\$ 19.65
Extra Unit Items							
21	100	SY	Extra Solid Sod, per amount as authorized by Owner	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00
22	50	CY	Excavation Around Obstruction, per amount as authorized by Owner	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
23	50	CY	Extra Hand Excavation, per amount as authorized by Owner.	\$ 15.00	\$ 750.00	\$ 15.00	\$ 750.00
24	50	CY	Extra Machine Excavation, per amount as authorized by Owner.	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00
25	100	SY	Extra Reinforced Concrete Pavement (7-Inch Thick) Including Subgrade, per amount as authorized by Owner	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00
26	80	LF	Extra 6-Inch Concrete Curb, per amount as authorized by Owner	\$ 10.00	\$ 800.00	\$ 10.00	\$ 800.00
27	1	ALLOW	Extra Ductile Iron Fillings, per amount as authorized by Owner	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
TOTAL				\$	\$ 413,874.65	\$	\$ 462,512.65
				Days	90		90

* Mathematical error corrected

